

Patent Claims

1. A slider-loading mechanism for an optical drive, having a slider (2) which is fastened on a resilient arm (6) and is lowered onto the surface of an optical storage medium (8) and/or raised from the surface of the optical storage medium (8), **characterized in that** a loading element (1) which is not connected to the resilient arm (6) is provided, the loading element acting on the resilient arm (6) and causing the slider (2) to be lowered and/or raised.

2. The slider-loading mechanism as claimed in claim 1, **characterized in that**, the loading element (1) penetrates between the surface of the optical storage medium (8) and the resilient arm (6).

3. The slider-loading mechanism as claimed in claim 1 or 2, **characterized in that** the loading element (1) is actuated via a lever (3).

4. The slider-loading mechanism as claimed in claim 3, **characterized in that** the lever (3) is actuated via a cam control means (10).

5. The slider-loading mechanism as claimed in claim 3, **characterized in that** the lever (3) is actuated via a gear mechanism (5, 7).

6. The slider-loading mechanism as claimed in claim 5, **characterized in that** the gear mechanism (5, 7) has a rack (5).

7. The slider-loading mechanism as claimed in claim 6, **characterized in that** the rack (5) is arranged in a displaceable manner.

8. The slider-loading mechanism as claimed in claim 7,
characterized in that a linear drive is provided for the rack
(5).

5 9. The slider-loading mechanism as claimed in one of claims
3 - 8, characterized in that the lever (3) is actuated by the
rough tracking function.

10. A unit for reading from and/or writing to optical
recording media, characterized in that it has a
slider-loading mechanism as claimed in one of claims 1 - 9.